the Notice. The organism field <213> and required feature fields <220> are supplied in the substitute Sequence Listing and CRF. Applicants also Applicants have amended the "General Information" of the Sequence Listing to reflect the current status of the application, i.e., the "Applicant", "File Reference", "Current Application Number", " Current Filing Date", "Prior Application Number", " Prior Filing Date", and "Software" data have all been updated. No sequence information has been changed, and no subject matter not included in the original specification as filed has been added.

As required under 37 C.F.R. §1.825(b) and §1.821(e), Applicants provide herewith a substitute CRF in accordance with the requirements of 37 C.F.R. §1.824. Applicants further state as required under 37 C.F.R. §1.821(f) and (g) that the paper copy and computer readable form of the Sequence Listing are the same in content, and contain no new matter.

In view of the foregoing amendments and remarks, Applicants believe that their application is in compliance with the requirements for patent applications containing nucleotide sequence and/or amino acid sequence disclosures, and is in condition for allowance. Examination of the present application on the merits and allowance of the pending claims are, therefore, respectfully requested.

Respectfully submitted,

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CERTIFICATE OF MAILING

The undersigned hereby certifies that this correspondence is being deposited with the U.S. Postal Service as "Express Mail Post Office to Addressee" Service under 37 CFR § 1.10, postage prepaid, Express Mailing Label No. EL378886201US, in an envelope addressed to the U. S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202 on the date indicated below.

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